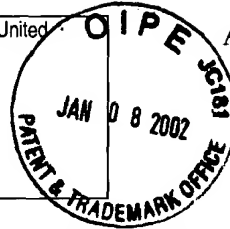


I hereby certify that this correspondence is being deposited with the United States Postal Service first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

December 5, 2001  
LAW OFFICES OF JONATHAN ALAN QUINE

By:

Jonathan Alan Quine  
Chantel Appling



Atty Docket No.: 407T-896010US  
Client Ref: UC 99-177-2

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**BEN SHEN, WEN LIU, STEVEN D. CHRISTENSON, and SCOTT STANDAGE**

Application No.: 09/478,188

Filed: 01/05/2000

For: **GENE CLUSTER FOR PRODUCTION OF THE ENEDIYNE ANTITUMOR ANTIBIOTIC C-1027**

Examiner: K. Kerr

Art Unit: 1652

**AMENDMENT IN RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES.**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This amendment is filed in response to the Office Action dated august 6, 2001 containing a Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

The following documents are enclosed herewith:

- 1) A petition to extend the period of response for three months;
- 2) A copy of the Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures;
- 3) A paper copy of the sequence listing; and
- 4) A computer readable form of the sequence listing.

Please amend the claims and/or specification as follows

**In the Specification.**

~~Please delete the sequence listing, pages 1-79.~~

After the abstract, please insert the accompanying sequence listing, pages 1-56.

Delete the Table II at page 18 and insert the following: